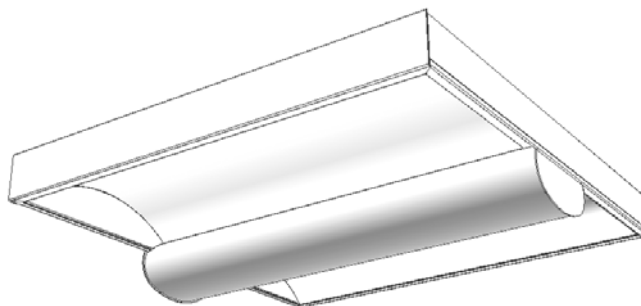
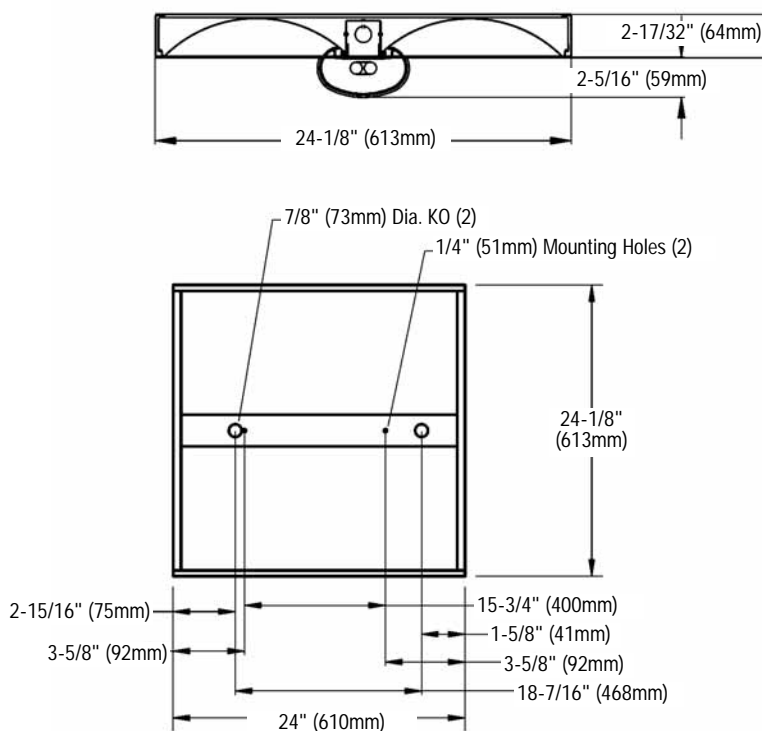


Features

- 78.2% efficient.
- Direct/indirect appearance with soft contoured interior.
- Lens encloses lamp compartment.
- Translucent DR acrylic linear prismatic lens.
- Tension screws secure ends to body.
- Lamp shield opens from either side.
- Ballast accessible from room side.
- Built-in earthquake clips.
- Optional DALI ballast i GEN TECHNOLOGY accepts digital dimming controllers, scene controllers and automatic control devices.
- Construction meets NYC Code / Chicago Plenum available.
- Not for continuous row mounting.



Dimensions



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

For Factory Technical Information: (978) 657-7600 • Fax (978) 658-0595
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11/08

Section 5/Folio M33-10

Model No. HDB2SLW1FTUNVPR

LER = FP - 64.1 IW - 38.4 BF - 1.0

Comparative yearly lighting energy cost per
1000 lumens = \$3.74

Report Number: G2008239A

Catalog Number: HDB2SLW1FTUNVPR

Lamps: (1) F40 TT5

Luminaire: HP90 Surface 2' x 2' with linear
prismatic lens.

Ballast: ICN-2TTP40-SC

Report is based on 3150 Lumens per lamp.

Efficiency: 78.2%

CIE Type-Direct-Indirect

Plane: 0-Deg 90-Deg

Spacing Criteria: 1.2 1.4

Shielding Angles: 90 90

Plane: 0-Deg 90-Deg

Luminous Length: 23.040 23.040

Height of Side: 2.280 2.280

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	737	737	737	
5	731	734	736	70
15	699	712	722	201
25	640	669	694	308
35	556	604	646	377
45	449	519	582	399
55	321	425	511	376
65	183	333	428	317
75	81	246	341	242
85	17	174	277	172
90	3	115	208	

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD, EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80	50	30
RW	70	50	30
1	83	78	74
2	75	67	61
3	68	59	52
4	62	52	44
5	57	46	39
6	52	41	34
7	49	37	30
8	45	34	27
9	42	31	25
10	40	29	22

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	579	18.4	23.5
0- 40	957	30.4	38.8
0- 60	1723	55.0	70.3
0- 90	2463	78.2	100.0
90-180	0	0.0	0.0
0-180	2463	78.2	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	1687.	1949.	2186.
55	1431.	1895.	2278.
65	1043.	1897.	2439.
75	667.	2026.	2808.
85	267.	2735.	4353.

Ordering Information

Explanation of Catalog Number: Example: HDB2SLW1FTUNVPR

HD	B	2	S	L	W	1	FT			
HP90 Direct/Indirect Surface	Body Style: B = Surface Mounted	Fixture Width	Ceiling Type: Surface	Acrylic Lens	Reflector: White	Lamp Quantity 1=1 Lamp	Lamp: (By Others) FT= Twin Tube T5	Voltage: 120, 277 or UNV=120-277		Options: Add appropriate suffix to catalog no., ie: (A)

Ballast Type:
<20THD <10THD

1 Lamp Elec. TT5 (40 Watt)	SB*	IB*
1 Lamp Elec. TT5 (40 Watt)	-	PR†
1 Lamp Elec. TT5 (50 Watt)	BE	-
1 Lamp Elec. TT5 (55 Watt)	-	BF
LOL Dimming TT5	PB	-

*Instant Start Standard.

Other dimming options. Consult factory.

NOTE:

For TT5 40W UNV, you must use IB or PR Ballast Code.

†Program Rapid Start

Options/Accessories

Fusing: Internal fast blow fusing: SUFFIX: A.

Internal slow blow fusing: SUFFIX: C.

Electrical Wiring Options: Emergency Packs are only available for remote mounting.
Consult factory.

For motion or light sensor: See Folio OA20-10.

Specifications

Performance: In an installation of 1 lamp 40W luminaires in a room cavity ratio of 1, with reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .78. To reduce glare the average brightness at 65° shall not exceed 2439 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 76.5%.

Materials: Chassis parts are die-formed code gauge steel.

Lamp Shield: Linear prismatic translucent DR acrylic lens.

Finish: Chassis exterior - Soft white post painted polyester powder. Cavity - Soft white post painted polyester powder. Rust preventative undercoating.

Reflector - Soft white post painted polyester powder.

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

UL Listed for damp locations.

Labels: I.B.E.W./UL and ULc Listed.

This product may have a mercury containing lamp. Manage in accord with Disposal Laws. See: www.lamprecycle.org

Job Information

Type:

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